IN THE CLAIMS

This listing of claims replaces all prior listings and versions of the claims in the present application.

Listing of Claims:

Claim 1 (Currently Amended): A windmill for wind power generation ~~characterized in~~ which comprises:

a windmill for wind power generation comprising a plurality of blades ~~at every~~ with constant angles centering on a vertical rotating shaft in a face orthogonal to the vertical rotating shaft, wherein the blade ~~is constituted by a blade type~~ is formed in an outer periphery thereof with a bent plate having a streamline shape, ~~having~~ has a high lift coefficient at a low ~~Raynolds~~ Reynolds number and has a notch portion ~~is~~ formed therein ~~at a rear end portion of a lower face of the blade~~ along a predetermined length between a front edge and a rear edge of the blade.

Claim 2 (Currently Amended): The windmill for wind power generation according to Claim 1, wherein the ~~Raynolds~~ Reynolds number falls in a range of 30,000 through 3,000,000.

Claim 3 (Original): The windmill for wind power generation according to Claim 1, wherein the lift coefficient falls in a range of 1.0 through 1.4.

Claim 4 (Currently Amended): The windmill for wind power generation according to Claim 1, wherein the notch portion is formed from a position of 35% through 45% of a chord length of the blade from ~~a~~ the front edge thereof over to ~~a~~ the rear edge thereof.

Claim 5 (New): The windmill for wind power generation according to Claim 1, wherein said blade comprises a substantially smooth surfaced plate formed from a sheet of material.

Claim 6 (New): The windmill for wind power generation according to Claim 5, which comprises a support beam inserted into said blade and a support shaft such that said support beam is rotatably mounted on said support shaft.

Claim 7 (New): The windmill for wind power generation according to Claim 1, wherein said notch portion comprises a single notch extending along said predetermined length of the blade.